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NEWS	3	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS	4	MAY 10	CA/Caplus enhanced with 1900-1906 U.S. patent records
NEWS	5	MAY 11	KOREAPAT updates resume
NEWS	6	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS	7	MAY 30	IPC 8 Rolled-up Core codes added to CA/Caplus and USPATFULL/USPAT2
NEWS	8	MAY 30	The F-Term thesaurus is now available in CA/Caplus
NEWS	9	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS	10	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS	11	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS	12	JUL 11	CHEMSAFE reloaded and enhanced
NEWS	13	JUL 14	FSTA enhanced with Japanese patents
NEWS	14	JUL 19	Coverage of Research Disclosure reinstated in DWPI
NEWS	15	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS	16	AUG 28	ADISCTI Reloaded and Enhanced
NEWS	17	AUG 30	CA(SM)/Caplus(SM) Austrian patent law changes
NEWS	18	SEP 11	CA/Caplus enhanced with more pre-1907 records
NEWS	19	SEP 21	CA/Caplus fields enhanced with simultaneous left and right truncation
NEWS	20	SEP 25	CA(SM)/Caplus(SM) display of CA Lexicon enhanced
NEWS	21	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS	22	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS EXPRESS	JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.		
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FULL ESTIMATED COST	0.21	0.21

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=> s enterococcus faecalis
L1 56877 ENTEROCOCCUS FAECALIS

=> s bacillus firmus
L2 1001 BACILLUS FIRMUS

=> s l1 and l2
L3 49 L1 AND L2

=> d l3 ti abs ibib tot

L3 ANSWER 1 OF 49 USPATFULL on STN
TI Hyaluronan synthase genes and expression thereof in Bacillus hosts
AB The present invention relates to a recombinant Bacillus host cell containing a recombinant vector including a nucleic acid segment having a coding region segment encoding enzymatically active hyaluronan synthase (HAS). The recombinant Bacillus host cell is utilized in a method for producing hyaluronic acid (HA).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:211033 USPATFULL
TITLE: Hyaluronan synthase genes and expression thereof in Bacillus hosts
INVENTOR(S): DeAngelis, Paul L., Edmond, OK, UNITED STATES
Weigel, Paul H., Edmond, OK, UNITED STATES
Kumari, Kshama, Edmond, OK, UNITED STATES
PATENT ASSIGNEE(S): The Board of Regents of the University of Oklahoma, Norman, OK, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7091008	B1	20060815
APPLICATION INFO.:	US 2004-981632		20041105 (10)

RELATED APPLN. INFO.: Division of Ser. No. US 2002-172527, filed on 13 Jun 2002, Pat. No. US 6951743 Continuation-in-part of Ser. No. US 1999-469200, filed on 21 Dec 1999, Pat. No. US 6833264 Continuation of Ser. No. US 1998-178851, filed on 26 Oct 1998, ABANDONED Continuation-in-part of Ser. No. US 1998-146893, filed on 3 Sep 1998, Pat. No. US 6455304, issued on 24 Sep 2002 Continuation of Ser. No. US 1994-270581, filed on 1 Jul 1994, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-305285P	20010713 (60)
	US 2001-297788P	20010613 (60)
	US 2001-297744P	20010613 (60)
	US 1997-64435P	19971031 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Wax, Robert A.	
LEGAL REPRESENTATIVE:	Dunlap, Coddington & Rogers, P.C.	
NUMBER OF CLAIMS:	112	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	21 Drawing Figure(s); 22 Drawing Page(s)	
LINE COUNT:	4246	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 2 OF 49 USPATFULL on STN

TI Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics

AB The invention provides isolated polypeptide and nucleic acid sequences derived from Staphylococcus epidermidis that are useful in diagnosis and therapy of pathological conditions; antibodies against the polypeptides; and methods for the production of the polypeptides. The invention also provides methods for the detection, prevention and treatment of pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:146715 USPATFULL

TITLE: Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics

INVENTOR(S): Doucette-Stamm, Lynn, Framingham, MA, UNITED STATES
Bush, David, Somerville, MA, UNITED STATES

PATENT ASSIGNEE(S): Wyeth, Madison, NJ, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7060458	B1	20060613
APPLICATION INFO.:	US 1999-450969		19991129 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-134001, filed on 13 Aug 1998, Pat. No. US 6380370, issued on 30 Apr 2002		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-64964P	19971108 (60)
	US 1997-55779P	19970814 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Horlick, Kenneth R.	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
LINE COUNT:	35708	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 3 OF 49 USPATFULL on STN
TI Genus, group, species and/or strain specific 16S rDNA sequences
AB Materials and methods for identifying unique sites in bacterial 16S and 23S rDNA are provided, as well as specific unique sequences of 16S rDNA in select bacteria. The distinguishing moieties will enable rapid differentiation between families, genera, groups, species, strains, subspecies, and isolates of microorganisms. Such differentiation can be performed by using rapid screening kits in combination with in silico analysis for diagnostic, prognostic, epidemiologic, phylogenetic, and other purposes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:53945 USPATFULL
TITLE: Genus, group, species and/or strain specific 16S rDNA sequences
INVENTOR(S): Zeng, Qiandong, Belmont, MA, UNITED STATES
Chatellier, Sonia, Amberieu, FRANCE
Moir, Donald T., Lexington, MA, UNITED STATES
LaCroix, Bruno, Saint Genis-Laval, FRANCE
Childress, Darrell, Auburn, AL, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2006046246	A1	20060302
APPLICATION INFO.:	US 2004-831286	A1	20040426 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-464955P	20030424 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	BUCHANAN INGERSOLL PC, (INCLUDING BURNS, DOANE, SWECKER & MATHIS), POST OFFICE BOX 1404, ALEXANDRIA, VA, 22313-1404, US	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	5603	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 49 USPATFULL on STN
TI Lactobacillus acidophilus nucleic acid sequences encoding stress-related proteins and uses therefor
AB Stress-related nucleic acid molecules and polypeptides and fragments and variants thereof are disclosed in the current invention. In addition, stress-related fusion proteins, antigenic peptides, and anti-stress-related antibodies are encompassed. The invention also provides recombinant expression vectors containing a nucleic acid molecule of the invention and host cells into which the expression vectors have been introduced. Methods for producing the polypeptides and methods of use for the polypeptides of the invention are further disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:286871 USPATFULL
TITLE: Lactobacillus acidophilus nucleic acid sequences encoding stress-related proteins and uses therefor
INVENTOR(S): Klaenhammer, Todd R., Raleigh, NC, UNITED STATES
Altermann, Eric, Apex, NC, UNITED STATES
Azcarate-Peril, M. Andrea, Raleigh, NC, UNITED STATES
McAuliffe, Olivia, Cork, IRELAND
Russell, W. Michael, Newburgh, IN, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005250135	A1	20051110
APPLICATION INFO.:	US 2005-74176	A1	20050307 (11)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-551161P	20040308 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	W. Murray Spruill, Esq., Alston & Bird LLP, Suite 600, 3201 Beechleaf Court, Raleigh, NC, 27604-1062, US	
NUMBER OF CLAIMS:	27	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	7598	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 5 OF 49 USPATFULL on STN

TI Methods and compositions for inhibition of membrane fusion-associated events, including HIV transmission

AB Parainfluenza virus types 1 to 4 (PIV1 to PIV4) are important human pathogens that cause upper and lower respiratory tract infections, particularly in infants and children. The claimed invention is directed toward novel methods for the inhibition of parainfluenza virus transmission to a cell involving the administration of synthetic peptide fusion inhibitors. These inhibitors are derived from the parainfluenza virus and vary in length between 16 to 39 amino acids. The peptides were identified by screening for the presence of fusion inhibitory motifs (e.g., ALLMOTI5, 107x178x4, and PLZIP) within the parainfluenza virus genome. A number of peptides were identified and their fusion inhibitory activities ascertained. These peptides should provide useful antiviral agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:250255 USPATFULL

TITLE: Methods and compositions for inhibition of membrane fusion-associated events, including HIV transmission

INVENTOR(S): Barney, Shawn O'Lin, Cary, NC, UNITED STATES
Lambert, Dennis Michael, Cary, NC, UNITED STATES
Petteway, Stephen Robert, Cary, NC, UNITED STATES

PATENT ASSIGNEE(S): Trimeris, Inc., Durham, NC, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6951717	B1	20051004
APPLICATION INFO.:	US 1995-484741		19950607 (8)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, PENDING Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994, Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994, PENDING Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, Pat. No. US 5464933		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Scheiner, Laurie		
ASSISTANT EXAMINER:	Parkin, Jeffrey S.		
LEGAL REPRESENTATIVE:	Pennie & Edmonds LLP		
NUMBER OF CLAIMS:	50		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	94 Drawing Figure(s); 93 Drawing Page(s)		

LINE COUNT: 43743
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 49 USPATFULL on STN

TI Lyme disease vaccines

AB The present invention relates to novel vaccines for the prevention or attenuation of Lyme disease. The invention further relates to isolated nucleic acid molecules encoding antigenic polypeptides of *Borrelia burgdorferi*. Antigenic polypeptides are also provided, as are vectors, host cells and recombinant methods for producing the same. The invention additionally relates to diagnostic methods for detecting *Borrelia* gene expression.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:171252 USPATFULL

TITLE: Lyme disease vaccines

INVENTOR(S): Choi, Gil H., Rockville, MD, UNITED STATES
Erwin, Alice L., Seattle, WA, UNITED STATES
Hanson, Mark S., Clarksville, MD, UNITED STATES
Lathigra, Raju, Germantown, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005147999	A1	20050707
APPLICATION INFO.:	US 2004-994726	A1	20041123 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-830230, filed on 27 Sep 2001, PENDING A 371 of International Ser. No. WO 1998-US12718, filed on 18 Jun 1998		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-53377P	19970722 (60)
	US 1997-50359P	19970620 (60)
	US 1997-53344P	19970722 (60)
	US 1997-57483P	19970903 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
LINE COUNT:	6952	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 49 USPATFULL on STN

TI Detection and identification of staphylococcus aureus using the 16S-23S rRNA spacer

AB The present invention relates to 16S-23S rRNA spacer sequences from *Staphylococcus aureus* and their use in a method for detection and/or identification of *Staphylococcus aureus*. The invention further relates to a method for detection and identification of *Staphylococcus aureus* in a sample, involving the steps of: (i) optionally releasing, isolating and/or concentrating the polynucleic acids present in the sample; (ii) optionally amplifying the 16S-23S rRNA spacer region, or a part thereof, with at least one primer pair; (iii) detecting the presence of a 16S-23S rRNA spacer sequence; and (iv) identifying the *Staphylococcus aureus* present in the sample from the nucleic acid(s) detected in the sample.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:165151 USPATFULL

TITLE: Detection and identification of staphylococcus aureus using the 16S-23S rRNA spacer

INVENTOR(S): Jannes, Geert, Kessel-Lo, BELGIUM

PATENT ASSIGNEE(S): Rossau, Rudi, Ekeren, BELGIUM
Van Heuverswyn, Hugo, Kalken, BELGIUM
INNOGENETICS N.V., Ghent, BELGIUM (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005142575	A1	20050630
APPLICATION INFO.:	US 2004-895114	A1	20040721 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-931486, filed on 17 Aug 2001, GRANTED, Pat. No. US 6811978 Division of Ser. No. US 1999-448894, filed on 29 Nov 1999, GRANTED, Pat. No. US 6312903 Division of Ser. No. US 1996-765332, filed on 23 Dec 1996, GRANTED, Pat. No. US 6025132 A 371 of International Ser. No. WO 1995-EP2452, filed on 23 Jun 1995		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1994-870106	19940624
	EP 1995-870032	19950407
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE, PC, 1100 N GLEBE ROAD, 8TH FLOOR, ARLINGTON, VA, 22201-4714, US	
NUMBER OF CLAIMS:	28	
EXEMPLARY CLAIM:	1-53	
NUMBER OF DRAWINGS:	103 Drawing Page(s)	
LINE COUNT:	5426	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 8 OF 49 USPATFULL on STN -

TI Nucleic acid and amino acid sequences relating to streptococcus pneumoniae for diagnostics and therapeutics

AB The invention provides isolated polypeptide and nucleic acid sequences derived from Streptococcus pneumonia that are useful in diagnosis and therapy of pathological conditions; antibodies against the polypeptides; and methods for the production of the polypeptides. The invention also provides methods for the detection, prevention and treatment of pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:158196 USPATFULL

TITLE: Nucleic acid and amino acid sequences relating to streptococcus pneumoniae for diagnostics and therapeutics

INVENTOR(S): Doucette-Stamm, Lynn A., Framingham, MA, UNITED STATES
Bush, David, Somerville, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005136404	A1	20050623
APPLICATION INFO.:	US 2003-617320	A1	20030710 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-107433, filed on 30 Jun 1998, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-51553P	19970702 (60)
	US 1998-85131P	19980512 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Robert L. Spadafora, Genome Therapeutics Corporation,	

100 Beaver Street, Waltham, MA, 02453, US
NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
LINE COUNT: 12957
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 49 USPATFULL on STN

TI Nucleotide sequence of the haemophilus influenzae Rd genome, fragments thereof, and uses thereof

AB The present invention provides the sequencing of the entire genome of Haemophilus influenzae Rd, SEQ ID NO:1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition to the entire genomic sequence, the present invention identifies over 1700 protein encoding fragments of the genome and identifies, by position relative to a unique Not I restriction endonuclease site, any regulatory elements which modulate the expression of the protein encoding fragments of the Haemophilus genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:152308 USPATFULL
TITLE: Nucleotide sequence of the haemophilus influenzae Rd genome, fragments thereof, and uses thereof
INVENTOR(S): Fleischmann, Robert D., Gaithersburg, MD, UNITED STATES
Adams, Mark D., Cleveland Heights, OH, UNITED STATES
White, Owen, Rockville, MD, UNITED STATES
Smith, Hamilton O., Reisterstown, MD, UNITED STATES
Venter, J. Craig, Queenstown, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)
Johns Hopkins University, Baltimore, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005131222	A1	20050616
APPLICATION INFO.:	US 2004-981687	A1	20041105 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2002-158856, filed on 3 Jun 2002, PENDING Division of Ser. No. US 2000-557884, filed on 25 Apr 2000, GRANTED, Pat. No. US 6506581 Continuation of Ser. No. US 1995-476102, filed on 7 Jun 1995, GRANTED, Pat. No. US 6355450 Continuation-in-part of Ser. No. US 1995-426787, filed on 21 Apr 1995, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850, US		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	47 Drawing Page(s)		
LINE COUNT:	5495		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 49 USPATFULL on STN

TI Lyme disease vaccines

AB The present invention relates to novel vaccines for the prevention or attenuation of Lyme disease. The invention further relates to isolated nucleic acid molecules encoding antigenic polypeptides of Borrelia burgdorferi. Antigenic polypeptides are also provided, as are vectors, host cells and recombinant methods for producing the same. The invention additionally relates to diagnostic methods for detecting, Borrelia gene expression.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2005:140345 USPATFULL
TITLE: Lyme disease vaccines
INVENTOR(S): Choi, Gil H., 11429 Potomac Oaks Dr., Rockville, MD,
UNITED STATES 20850
Erwin, Alice L., 7759 26th Ave., NW., Seattle, WA,
UNITED STATES 98119
Hanson, Mark S., 7013 Woodscape Dr., Clarksville, MD,
UNITED STATES 20109
Lathigra, Raju, 19051 Steeple Pl., Germantown, MD,
UNITED STATES 20874

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6902893	B1	20050607
	WO 9859071		19981230
APPLICATION INFO.:	US 2001-830230		19980618 (9)
	WO 1998-US12718		19980618
			20010927 PCT 371 date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-57483P	19970903 (60)
	US 2001-53344P	19970722 (60)
	US 2001-53377P	19970722 (60)
	US 2001-50359P	19970620 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Horlick, Kenneth R.
ASSISTANT EXAMINER: Tung, Joyce
LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 13253

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 49 USPATFULL on STN

TI Methods for inhibition of membrane fusion-associated events, including HIV transmission

AB The present invention relates to peptides which exhibit potent anti-retroviral activity. The peptides of the invention comprise DP178 (SEQ ID:1) peptide corresponding to amino acids 638 to 673 of the HIV-1.sub.LAI gp41 protein, and fragments, analogs and homologs of DP178. The invention further relates to the uses of such peptides as inhibitory of human and non-human retroviral, especially HIV, transmission to uninfected cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:301902 USPATFULL
TITLE: Methods for inhibition of membrane fusion-associated events, including HIV transmission
INVENTOR(S): Bolognesi, Dani Paul, Durham, NC, United States
Matthews, Thomas James, Durham, NC, United States
Wild, Carl T., Durham, NC, United States
PATENT ASSIGNEE(S): Duke University, Durham, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6824783	B1	20041130
APPLICATION INFO.:	US 1995-487266		19950607 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, now patented, Pat. No. US 6479055
Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994, now patented, Pat. No. US 6017536
Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994, now patented, Pat. No. US 5440656
Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Housel, James
ASSISTANT EXAMINER: Parkin, Jeffrey S.
LEGAL REPRESENTATIVE: Pennie & Edmonds LLP
NUMBER OF CLAIMS: 118
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 84 Drawing Figure(s); 83 Drawing Page(s)
LINE COUNT: 25013
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 49 USPATFULL on STN
TI Enterococcal virulence factors
AB The invention generally provides a novel approach to identifying Enterococcal virulence factors and for identifying compounds for treating bacterial pathogenesis. The invention further provides Enterococcal virulence factors, which serve as targets for drug discovery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:273711 USPATFULL
TITLE: Enterococcal virulence factors
INVENTOR(S): Ausubel, Frederick M., Newton, MA, UNITED STATES
Calderwood, Stephen B., Wellesley, MA, UNITED STATES
Garsin, Danielle A., Houston, TX, UNITED STATES
Mylonakis, Eleftherios, Boston, MA, UNITED STATES
Sifri, Costi D., Quincy, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004214208	A1	20041028
APPLICATION INFO.:	US 2004-758979	A1	20040116 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US22979, filed on 18 Jul 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-306212P	20010718 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CLARK & ELBING LLP, 101 FEDERAL STREET, BOSTON, MA, 02110	
NUMBER OF CLAIMS:	100	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	55 Drawing Page(s)	
LINE COUNT:	4460	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 49 USPATFULL on STN
TI NUCLEOTIDE SEQUENCE OF THE HAEMOPHILUS INFLUENZAE RD GENOME, FRAGMENTS THEREOF, AND USES THEREOF
AB The present invention provides the sequencing of the entire genome of Haemophilus influenzae Rd, SEQ ID NO:1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition

to the entire genomic sequence, the present invention identifies over 1700 protein encoding fragments of the genome and identifies, by position relative to a unique Not I restriction endonuclease site, any regulatory elements which modulate the expression of the protein encoding fragments of the Haemophilus genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:260596 USPATFULL
TITLE: NUCLEOTIDE SEQUENCE OF THE HAEMOPHILUS INFLUENZAE RD
GENOME, FRAGMENTS THEREOF, AND USES THEREOF
INVENTOR(S): Fleischmann, Robert D., Gaithersburg, MD, UNITED STATES
Adams, Mark D., Rockville, MD, UNITED STATES
White, Owen, Gaithersburg, MD, UNITED STATES
Smith, Hamilton O., Reisterstown, MD, UNITED STATES
Venter, J. Craig, Queenstown, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S.
corporation)
Johns Hopkins University, Baltimore, MD (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004203093	A1	20041014
	US 6846651	B2	20050125
APPLICATION INFO.:	US 2002-158865	A1	20020603 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-557884, filed on 25 Apr 2000, GRANTED, Pat. No. US 6506581 Continuation of Ser. No. US 1995-476102, filed on 7 Jun 1995, GRANTED, Pat. No. US 6355450 Continuation-in-part of Ser. No. US 1995-426787, filed on 21 Apr 1995, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850		
NUMBER OF CLAIMS:	51		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	47 Drawing Page(s)		
LINE COUNT:	5597		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 49 USPATFULL on STN
TI Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics
AB The invention provides isolated polypeptide and nucleic acid sequences derived from Streptococcus pneumonia that are useful in diagnosis and therapy of pathological conditions; antibodies against the polypeptides; and methods for the production of the polypeptides. The invention also provides methods for the detection, prevention and treatment of pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:250212 USPATFULL
TITLE: Nucleic acid and amino acid sequences relating to Streptococcus pneumoniae for diagnostics and therapeutics
INVENTOR(S): Doucette-Stamm, Lynn A., Framingham, MA, United States
Bush, David, Somerville, MA, United States
PATENT ASSIGNEE(S): Genome Therapeutics Corporation, Waltham, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6800744	B1	20041005

APPLICATION INFO.: US 1998-107433 19980630 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-85131P	19980512 (60)
	US 1997-51553P	19970702 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Brusca, John S.	
ASSISTANT EXAMINER:	Zhou, Shubo "Joe "	
LEGAL REPRESENTATIVE:	Genome Therapeutics Corporation	
NUMBER OF CLAIMS:	14	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	11545	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 15 OF 49 USPATFULL on STN

TI Complete genome sequence of the methanogenic archaeon, Methanococcus jannaschii

AB The present application describes the complete 1.66-megabase pair genome sequence of an autotrophic archaeon, Methanococcus jannaschii, and its 58- and 16-kilobase pair extrachromosomal elements. Also described are 1738 predicted protein-coding genes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:241996 USPATFULL

TITLE: Complete genome sequence of the methanogenic archaeon, Methanococcus jannaschii

INVENTOR(S): Bult, Carol J., Bar Harbor, ME, United States
White, Owen R., Gaithersburg, MD, United States
Smith, Hamilton O., Baltimore, MD, United States
Woese, Carl R., Urbana, IL, United States
Venter, J. Craig, Rockville, MD, United States

PATENT ASSIGNEE(S): The Institute for Genomic Research, Rockville, MD, United States (U.S. corporation)
Johns Hopkins University, Baltimore, MD, United States (U.S. corporation)
The Board of Trustees of the University of Illinois, Urbana, IL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6797466	B1	20040928
APPLICATION INFO.:	US 2000-692570		20001020 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1997-916421, filed on 22 Aug 1997		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-24428P	19960822 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Nguyen, Dave T	
ASSISTANT EXAMINER:	Schnizer, Richard	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)	
LINE COUNT:	4042	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 16 OF 49 USPATFULL on STN

TI Microorganism coating components, coatings, and coated surfaces
AB Disclosed herein are novel paints and coatings comprising a cell-based particulate material. Specifically disclosed herein is cell-based particulate material prepared from microorganisms for use as a coating component. Also disclosed herein are methods of preparing a coating that comprises a cell-based particulate material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:227022 USPATFULL
TITLE: Microorganism coating components, coatings, and coated surfaces
INVENTOR(S): McDaniel, C. Steven, Austin, TX, UNITED STATES
PATENT ASSIGNEE(S): REACTIVE SURFACES, LTD. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004175407	A1	20040909
APPLICATION INFO.:	US 2004-792516	A1	20040303 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2003-655345, filed on 4 Sep 2003, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-409102P	20020909 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	C. Steven McDaniel, McDaniel & Associates, P.C., P.O. Box 2244, Austin, TX, 78767-2244	
NUMBER OF CLAIMS:	308	
EXEMPLARY CLAIM:	1	
LINE COUNT:	15385	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 17 OF 49 USPATFULL on STN

TI Fusion proteins comprising DP-178 and other viral fusion inhibitor peptides useful for treating aids

AB The present invention relates to peptides which exhibit potent anti-retroviral activity. The peptides of the invention comprise DP178 (SEQ ID:1) peptide corresponding to amino acids 638 to 673 of the HIV-1.sub.LAI gp41 protein, and fragments, analogs and homologs of DP178. The invention further relates to the uses of such peptides as inhibitory of human and non-human retroviral, especially HIV, transmission to uninfected cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:69593 USPATFULL
TITLE: Fusion proteins comprising DP-178 and other viral fusion inhibitor peptides useful for treating aids
INVENTOR(S): Bolognesi, Dani Paul, Durham, NC, UNITED STATES
Matthews, Thomas James, Durham, NC, UNITED STATES
Wild, Carl T., Durham, NC, UNITED STATES
Barney, Shawn O'apos, Lin, Cary, NC, UNITED STATES
Lambert, Dennis Michael, Cary, NC, UNITED STATES
Petteway, Stephen Robert, Cary, NC, UNITED STATES
Langlois, Alphonse J., Durham, NC, UNITED STATES
PATENT ASSIGNEE(S): Duke University (U.S. corporation)
Trimeris, Inc. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004052820	A1	20040318
APPLICATION INFO.:	US 2002-267748	A1	20021008 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-484223, filed on 7 Jun		

1995, PENDING Division of Ser. No. US 1995-470896,
filed on 6 Jun 1995, GRANTED, Pat. No. US 6479055
Continuation-in-part of Ser. No. US 1994-360107, filed
on 20 Dec 1994, GRANTED, Pat. No. US 6017536
Continuation-in-part of Ser. No. US 1994-255208, filed
on 7 Jun 1994, GRANTED, Pat. No. US 6440656
Continuation-in-part of Ser. No. US 1993-73028, filed
on 7 Jun 1993, GRANTED, Pat. No. US 5464933

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PENNIE AND EDMONDS, 1155 AVENUE OF THE AMERICAS, NEW
YORK, NY, 100362711
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 83 Drawing Page(s)
LINE COUNT: 40442
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 18 OF 49 USPATFULL on STN

TI Staphylococcus aureus polynucleotides and sequences
AB The present invention provides polynucleotide sequences of the genome of
Staphylococcus aureus, polypeptide sequences encoded by the
polynucleotide sequences, corresponding polynucleotides and
polypeptides, vectors and hosts comprising the polynucleotides, and
assays and other uses thereof. The present invention further provides
polynucleotide and polypeptide sequence information stored on computer
readable media, and computer-based systems and methods which facilitate
its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:57035 USPATFULL
TITLE: Staphylococcus aureus polynucleotides and sequences
INVENTOR(S): Kunsch, Charles A., Norcross, GA, UNITED STATES
Choi, Gil H., Rockville, MD, UNITED STATES
Barash, Steven, Rockville, MD, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Fannon, Michael R., Silver Spring, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004043037	A1	20040304
APPLICATION INFO.:	US 2002-329624	A1	20021227 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-956171, filed on 20 Oct 1997, GRANTED, Pat. No. US 6593114 Continuation-in-part of Ser. No. US 1997-781986, filed on 3 Jan 1997, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9861P	19960105 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	10	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	10758	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 19 OF 49 USPATFULL on STN
TI Streptococcus pneumoniae polynucleotides and sequences
AB The present invention provides polynucleotide sequences of the genome of Streptococcus pneumoniae, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:38579 USPATFULL
TITLE: Streptococcus pneumoniae polynucleotides and sequences
INVENTOR(S): Kunsch, Charles A., Norcross, GA, UNITED STATES
Choi, Gil H., Rockville, MD, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
Fannon, Michael R., Silver Spring, MD, UNITED STATES
Dougherty, Brian A., Killingworth, CT, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004029118	A1	20040212
APPLICATION INFO.:	US 2002-158844	A1	20020603 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-961527, filed on 30 Oct 1997, GRANTED, Pat. No. US 6420135		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-29960P	19961031 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	9165	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 20 OF 49 USPATFULL on STN
TI Nucleotide sequence of the haemophilus influenza Rd genome, fragments thereof, and uses thereof
AB The present invention provides the sequencing of the entire genome of Haemophilus influenzae Rd, SEQ ID NO: 1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition to the entire genomic sequence, the present invention identifies over 1700 protein encoding fragments of the genome and identifies, by position relative to a unique NotI restriction endonuclease site, any regulatory elements which modulate the expression of the protein encoding fragments of the Haemophilus genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:24664 USPATFULL
TITLE: Nucleotide sequence of the haemophilus influenza Rd genome, fragments thereof, and uses thereof
INVENTOR(S): Fleischmann, Robert D., Gaithersburg, MD, UNITED STATES

PATENT ASSIGNEE(S): Adams, Mark D., Rockville, MD, UNITED STATES
White, Owen, Rockville, MD, UNITED STATES
Smith, Hamilton O., Reisterstown, MD, UNITED STATES
Venter, J. Craig, Queenstown, MD, UNITED STATES
Human Genome Sciences, Inc., Rockville, MD, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004018503	A1	20040129
APPLICATION INFO.:	US 2002-329670	A1	20021227 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-643990, filed on 23 Aug 2000, GRANTED, Pat. No. US 6528289 Continuation of Ser. No. US 1995-487429, filed on 7 Jun 1995, GRANTED, Pat. No. US 6468765 Continuation-in-part of Ser. No. US 1995-426787, filed on 21 Apr 1995, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850		
NUMBER OF CLAIMS:	9		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	47 Drawing Page(s)		
LINE COUNT:	5593		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 21 OF 49 USPATFULL on STN
TI Simultaneous detection, identification and differentiation of eubacterial taxa using a hybridization assay
AB The present invention relates to a method for detection and identification of at least one microorganism, or for the simultaneous detection of several microorganisms in a sample.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:306368 USPATFULL
TITLE: Simultaneous detection, identification and differentiation of eubacterial taxa using a hybridization assay
INVENTOR(S): Jannes, Geert, Kessel-Lo, BELGIUM
Rossau, Rudi, Ekeren, BELGIUM
Van Heuverswyn, Hugo, Kalken, BELGIUM
PATENT ASSIGNEE(S): Innogenetics N.V. (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003215802	A1	20031120
	US 6811978	B2	20041102
APPLICATION INFO.:	US 2001-931486	A1	20010817 (9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1999-448894, filed on 29 Nov 1999, GRANTED, Pat. No. US 6312903 Division of Ser. No. US 1996-765332, filed on 23 Dec 1996, GRANTED, Pat. No. US 6025132		

	NUMBER	DATE
PRIORITY INFORMATION:	EP 1994-870106	19940624
	EP 1995-870032	19950407
	WO 1995-EP2452	19950623
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA, 22201-4714	
NUMBER OF CLAIMS:	53	

EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 103 Drawing Page(s)
LINE COUNT: 6572
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 22 OF 49 USPATFULL on STN

TI Nucleotide sequence of the Mycoplasma genitalium genome, fragments thereof, and uses thereof

AB The present invention provides the nucleotide sequence of the entire genome of Mycoplasma genitalium, SEQ ID NO: 1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition to the entire genomic sequence, the present invention identifies protein encoding fragments of the genome, and identifies, by position relative to two (2) genes known to flank the origin of replication, any regulatory elements which modulate the expression of the protein encoding fragments of the Mycoplasma genitalium genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:244254 USPATFULL

TITLE: Nucleotide sequence of the Mycoplasma genitalium genome, fragments thereof, and uses thereof

INVENTOR(S): Fraser, Claire M., Potomac, MD, UNITED STATES
Adams, Mark D., Rockville, MD, UNITED STATES
Gocayne, Jeannine D., Potomac, MD, UNITED STATES
Hutchison, Clyde A., III, Chapel Hill, MD, UNITED STATES

Smith, Hamilton O., Reisterstown, MD, UNITED STATES
Venter, J. Craig, Queenstown, MD, UNITED STATES
White, Owen R., Rockville, MD, UNITED STATES
PATENT ASSIGNEE(S): Johns Hopkins University, Baltimore, MD (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003170663	A1	20030911
APPLICATION INFO.:	US 2002-205220	A1	20020726 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-545528, filed on 19 Oct 1995, PENDING Continuation-in-part of Ser. No. US 1995-488018, filed on 7 Jun 1995, PENDING Continuation-in-part of Ser. No. US 1995-473545, filed on 7 Jun 1995, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	23 Drawing Page(s)		
LINE COUNT:	6270		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 23 OF 49 USPATFULL on STN

TI Nucleic acid and amino acid sequences relating to Enterococcus faecalis for diagnostics and therapeutics

AB The invention provides isolated polypeptide and nucleic acid sequences derived from Enterococcus faecalis that are useful in diagnosis and therapy of pathological conditions; antibodies against the polypeptides; and methods for the production of the polypeptides. The invention also provides methods for the detection, prevention and treatment of pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:240330 USPATFULL
 TITLE: Nucleic acid and amino acid sequences relating to
 Enterococcus faecalis for diagnostics
 and therapeutics
 INVENTOR(S): Doucette-Stamm, Lynn A., 14 Flanagan Dr., Framingham,
 MA, United States 01701
 Bush, David, 205 Holland St., Somerville, MA, United
 States 02144

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6617156	B1	20030909
APPLICATION INFO.:	US 1998-134000		19980813 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-55778P	19970815 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Mosher, Mary E.	
LEGAL REPRESENTATIVE:	Genome Therapeutics Corporation	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1,5,14	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	13738	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 24 OF 49 USPATFULL on STN
 TI Staphylococcus aureus polynucleotides and sequences
 AB The present invention provides polynucleotide sequences of the genome of
 Staphylococcus aureus, polypeptide sequences encoded by the
 polynucleotide sequences, corresponding polynucleotides and
 polypeptides, vectors and hosts comprising the polynucleotides, and
 assays and other uses thereof. The present invention further provides
 polynucleotide and polypeptide sequence information stored on computer
 readable media, and computer-based systems and methods which facilitate
 its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:190673 USPATFULL
 TITLE: Staphylococcus aureus polynucleotides and sequences
 INVENTOR(S): Kunsch, Charles A., Norcross, GA, United States
 Choi, Gil H., Rockville, MD, United States
 Barash, Steven, Rockville, MD, United States
 Dillon, Patrick J., Carlsbad, CA, United States
 Fannon, Michael R., Silver Spring, MD, United States
 Rosen, Craig A., Laytonsville, MD, United States
 PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United
 States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6593114	B1	20030715
APPLICATION INFO.:	US 1997-956171		19971020 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1997-781986, filed on 3 Jan 1997		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9861P	19960105 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Duffy, Patricia A.	

LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.
NUMBER OF CLAIMS: 15
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Figure(s); 2 Drawing Page(s)
LINE COUNT: 7835
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 25 OF 49 USPATFULL on STN

TI Nucleic acid sequences and expression system relating to Enterococcus faecium for diagnostics and therapeutics

AB The invention provides isolated polypeptide and nucleic acid sequences derived Enterococcus faecium that are useful in diagnosis and therapy of pathological conditions; antibodies against the polypeptides; and methods for the production of the polypeptides. The invention also provides methods for the detection, prevention and treatment of pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:169096 USPATFULL

TITLE: Nucleic acid sequences and expression system relating to Enterococcus faecium for diagnostics and therapeutics

INVENTOR(S): Doucette-Stamm, Lynn A., Framingham, MA, United States
Bush, David, Somerville, MA, United States

PATENT ASSIGNEE(S): Genome Therapeutics Corporation, Waltham, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6583275	B1	20030624
APPLICATION INFO.:	US 1998-107532		19980630 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-85598P	19980514 (60)
	US 1997-51571P	19970702 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: GRANTED

PRIMARY EXAMINER: Marschel, Ardin H.

LEGAL REPRESENTATIVE: Genome Therapeutics Corporation

NUMBER OF CLAIMS: 34

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)

LINE COUNT: 15265

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 26 OF 49 USPATFULL on STN

TI Hyaluronan synthase genes and expression thereof in bacillus hosts

AB The present invention relates to a recombinant Bacillus host cell containing a recombinant vector including a nucleic acid segment having a coding region segment encoding enzymatically active hyaluronan synthase (HAS). The recombinant Bacillus host cell is utilized in a method for producing hyaluronic acid (HA).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:134033 USPATFULL

TITLE: Hyaluronan synthase genes and expression thereof in bacillus hosts

INVENTOR(S): DeAngelis, Paul L., Edmond, OK, UNITED STATES
Weigel, Paul H., Edmond, OK, UNITED STATES
Kumari, Kshama, Edmond, OK, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2003092118 A1 20030515
US 6951743 B2 20051004
APPLICATION INFO.: US 2002-172527 A1 20020613 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1999-469200, filed
on 21 Dec 1999, PENDING Continuation of Ser. No. US
1998-178851, filed on 26 Oct 1998, ABANDONED

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-64435P	19971031 (60)
	US 2001-297788P	20010613 (60)
	US 2001-297744P	20010613 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	DUNLAP, CODDING & ROGERS P.C., PO BOX 16370, OKLAHOMA CITY, OK, 73114	
NUMBER OF CLAIMS:	308	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	4894	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 27 OF 49 USPATFULL on STN
TI Nucleic acid and amino acid sequences relating to Acinetobacter
baumannii for diagnostics and therapeutics
AB The invention provides isolated polypeptide and nucleic acid sequences
derived from Acinetobacter mirabilis that are useful in diagnosis and
therapy of pathological conditions; antibodies against the polypeptides;
and methods for the production of the polypeptides. The invention also
provides methods for the detection, prevention and treatment of
pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:130010 USPATFULL
TITLE: Nucleic acid and amino acid sequences relating to
Acinetobacter baumannii for diagnostics and
therapeutics
INVENTOR(S): Breton, Gary, Marlborough, MA, United States
Bush, David, Somerville, MA, United States
PATENT ASSIGNEE(S): Genome Therapeutics Corporation, Waltham, MA, United
States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6562958	B1	20030513
APPLICATION INFO.:	US 1999-328352		19990604 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-88701P	19980609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Borin, Michael	
LEGAL REPRESENTATIVE:	Genome Therapeutics Corporation	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	16618	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 28 OF 49 USPATFULL on STN
TI Nucleic acid and amino acid sequences relating to pseudomonas aeruginosa

for diagnostics and therapeutics
AB The invention provides isolated polypeptide and nucleic acid sequences derived from *Pseudomonas aeruginosa* that are useful in diagnosis and therapy of pathological conditions; antibodies against the polypeptides; and methods for the production of the polypeptides. The invention also provides methods for the detection, prevention and treatment of pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:108972 USPATFULL
TITLE: Nucleic acid and amino acid sequences relating to *pseudomonas aeruginosa* for diagnostics and therapeutics
INVENTOR(S): Rubenfield, Marc J., Framingham, MA, United States
Nolling, Jork, Quincy, MA, United States
Deloughery, Craig, Medford, MA, United States
Bush, David, Somerville, MA, United States
PATENT ASSIGNEE(S): Genome Therapeutics Corporation, Waltham, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6551795	B1	20030422
APPLICATION INFO.:	US 1999-252991		19990218 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-74788P	19980218 (60)
	US 1998-94190P	19980727 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Allen, Marianne P.	
LEGAL REPRESENTATIVE:	Burns, Doane, Swecker & Mathis, L.L.P.	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	0 Drawing Figure(s); 0 Drawing Page(s)	
LINE COUNT:	21431	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 29 OF 49 USPATFULL on STN
TI Nucleotide sequence of the mycoplasma genitalium genome, fragments thereof, and uses thereof
AB The present invention provides the nucleotide sequence of the entire genome of *Mycoplasma genitalium*, SEQ ID NO:1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition to the entire genomic sequence, the present invention identifies protein encoding fragments of the genome, and identifies, by position relative to two (2) genes known to flank the origin of replication, any regulatory elements which modulate the expression of the protein encoding fragments of the *Mycoplasma genitalium* genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:81597 USPATFULL
TITLE: Nucleotide sequence of the mycoplasma genitalium genome, fragments thereof, and uses thereof
INVENTOR(S): Fraser, Claire M., Potomac, MD, United States
Adams, Mark D., N. Potomac, MD, United States
Gocayne, Jeannine D., Silver Spring, MD, United States
Hutchison, III, Clyde A., Chapel Hill, NC, United States
Smith, Hamilton O., Towson, MD, United States
Venter, J. Craig, Potomac, MD, United States
White, Owen, Gaithersburg, MD, United States

PATENT ASSIGNEE(S): The Institute for Genomic Research, Rockville, MD,
United States (U.S. corporation)
Johns Hopkins University, Baltimore, MD, United States
(U.S. corporation)
The University of North Carolina at Chapel Hill, Chapel
Hill, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6537773	B1	20030325
APPLICATION INFO.:	US 1995-545528		19951019 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-488018, filed on 7 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-473545, filed on 7 Jun 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Ketter, James		
ASSISTANT EXAMINER:	Schnizer, Richard		
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.		
NUMBER OF CLAIMS:	44		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 23 Drawing Page(s)		
LINE COUNT:	15190		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 30 OF 49 USPATFULL on STN
 TI STAPHYLOCOCCUS AUREUS POLYNUCLEOTIDES AND SEQUENCES
 AB The present invention provides polynucleotide sequences of the genome of
 Staphylococcus aureus, polypeptide sequences encoded by the
 polynucleotide sequences, corresponding polynucleotides and
 polypeptides, vectors and hosts comprising the polynucleotides, and
 assays and other uses thereof. The present invention further provides
 polynucleotide and polypeptide sequence information stored on computer
 readable media, and computer-based systems and methods which facilitate
 its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 ACCESSION NUMBER: 2003:78516 USPATFULL
 TITLE: STAPHYLOCOCCUS AUREUS POLYNUCLEOTIDES AND SEQUENCES
 INVENTOR(S): KUNSCH, CHARLES A., GAITHERSBURG, MD, UNITED STATES
 CHOI, GIL A., ROCKVILLE, MD, UNITED STATES
 BARASH, STEVEN C., ROCKVILLE, MD, UNITED STATES
 DILLON, PATRICK J., GAITHERSBURG, MD, UNITED STATES
 FANNON, MICHAEL R., SILVER SPRING, MD, UNITED STATES
 ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003054436	A1	20030320
	US 6737248	B2	20040518
APPLICATION INFO.:	US 1997-781986	A1	19970103 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9861P	19960105 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	

LINE COUNT: 13414
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 31 OF 49 USPATFULL on STN
TI Nucleotide sequence of the Haemophilus influenzae Rd genome, fragments thereof, and uses thereof
AB The present invention provides the sequencing of the entire genome of Haemophilus influenzae Rd, SEQ ID NO:1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition to the entire genomic sequence, the present invention identifies over 1700 protein encoding fragments of the genome and identifies, by position relative to a unique Not I restriction endonuclease site, any regulatory elements which modulate the expression of the protein encoding fragments of the Haemophilus genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:60089 USPATFULL
TITLE: Nucleotide sequence of the Haemophilus influenzae Rd genome, fragments thereof, and uses thereof
INVENTOR(S): Fleischmann, Robert D., Gaithersburg, MD, United States
Adams, Mark D., N. Potomac, MD, United States
White, Owen, Gaithersburg, MD, United States
Smith, Hamilton O., Towson, MD, United States
Venter, J. Craig, Potomac, MD, United States
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)
Johns Hopkins University, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6528289	B1	20030304
APPLICATION INFO.:	US 2000-643990		20000823 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1995-487429, filed on 7 Jun 1995 Continuation-in-part of Ser. No. US 1995-426787, filed on 21 Apr 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Martinell, James		
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.		
NUMBER OF CLAIMS:	23		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	47 Drawing Figure(s); 47 Drawing Page(s)		
LINE COUNT:	4428		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 32 OF 49 USPATFULL on STN
TI Methods for the inhibition of epstein-barr virus transmission employing anti-viral peptides capable of abrogating viral fusion and transmission
AB Fusion of the viral envelope, or infected cell membranes with uninfected cell membranes, is an essential step in the viral life cycle. Recent studies involving the human immunodeficiency virus type 1(HIV-1) demonstrated that synthetic peptides (designated DP-107 and DP-178) derived from potential helical regions of the transmembrane (TM) protein, gp41, were potent inhibitors of viral fusion and infection. A computerized antiviral searching technology (C.A.S.T.) that detects related structural motifs (e.g., ALLMOTI 5, 107+178+4, and PLZIP) in other viral proteins was employed to identify similar regions in the Epstein-Barr virus (EBV). Several conserved heptad repeat domains that are predicted to form coiled-coil structures with antiviral activity were identified in the EBV genome. Synthetic peptides of 16 to 39 amino acids derived from these regions were prepared and their

antiviral activities assessed in a suitable in vitro screening assay. These peptides proved to be potent inhibitors of EBV fusion. Based upon their structural and functional equivalence to the known HIV-1 inhibitors DP-107 and DP-178, these peptides should provide a novel approach to the development of targeted therapies for the treatment of EBV infections.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:40533 USPATFULL
TITLE: Methods for the inhibition of epstein-barr virus transmission employing anti-viral peptides capable of abrogating viral fusion and transmission
INVENTOR(S): Barney, Shawn O'Lin, Cary, NC, United States
Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
PATENT ASSIGNEE(S): Trimeris, Inc., Durham, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6518013	B1	20030211
APPLICATION INFO.:	US 1995-485546		19950607 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994, now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Scheiner, Laurie		
ASSISTANT EXAMINER:	Parkin, Jeffrey S.		
LEGAL REPRESENTATIVE:	Pennie & Edmonds LLP, Nelson, M. Bud		
NUMBER OF CLAIMS:	22		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	84 Drawing Figure(s); 83 Drawing Page(s)		
LINE COUNT:	24700		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 33 OF 49 USPATFULL on STN

TI Enterococcus faecalis polynucleotides and polypeptides

AB The present invention relates to novel genes from E. faecalis and the polypeptides they encode. Also provided as are vectors, host cells, antibodies and methods for producing the same. The invention further relates to screening methods for identifying agonists and antagonists of E. faecalis polypeptide activity. The invention additionally relates to diagnostic methods for detecting Enterococcus nucleic acids, polypeptides and antibodies in a biological sample. The present invention further relates to novel vaccines for the prevention or attenuation of infection by Enterococcus.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:23655 USPATFULL
TITLE: Enterococcus faecalis polynucleotides and polypeptides
INVENTOR(S): Choi, Gil H., Rockville, MD, UNITED STATES
Bailey, Camella, Washington, DC, UNITED STATES
Hromockyj, Alex, Mountainview, CA, UNITED STATES
Kunsch, Charles A., Norcross, GA, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003017495	A1	20030123
	US 6913907	B2	20050705
APPLICATION INFO.:	US 2002-206576	A1	20020729 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-71035, filed on 4 May 1998, GRANTED, Pat. No. US 6448043		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-66009P	19971114 (60)
	US 1997-46655P	19970516 (60)
	US 1997-44031P	19970506 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
LINE COUNT:	4765	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L3 ANSWER 34 OF 49 USPATFULL on STN

TI Selected polynucleotide and polypeptide sequences of the methanogenic archaeon, methanococcus jannashii

AB The present application describes selected polynucleotide sequence from the 1.66-megabase pair genome sequence of an autotrophic archaeon, Methanococcus jannaschii, and its 58- and 16-kilobase pair extrachromosomal elements.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:6806 USPATFULL

TITLE: Selected polynucleotide and polypeptide sequences of the methanogenic archaeon, methanococcus jannashii

INVENTOR(S): Bult, Carol J., Bar Harbor, ME, United States
White, Owen R., Gaithersburg, MD, United States
Smith, Hamilton O., Baltimore, MD, United States
Woese, Carl R., Urbana, IL, United States
Venter, J. Craig, Rockville, MD, United States

PATENT ASSIGNEE(S): The Board of Trustees of the University of Illinois, Urbana, IL, United States (U.S. corporation)
The Institute for Genomic Research, Rockville, MD, United States (U.S. corporation)
Johns Hopkins University, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6503729	B1	20030107
APPLICATION INFO.:	US 1997-916421		19970822 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-24428P	19960822 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Ketter, James	
ASSISTANT EXAMINER:	Schnizer, Richard	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	107	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)	
LINE COUNT:	4244	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 35 OF 49 USPATFULL on STN

TI Novel Polynucleotides

AB Novel polynucleotides derived from microorganisms belonging to coryneform bacteria and fragments thereof, polypeptides encoded by the polynucleotides and fragments thereof, polynucleotide arrays comprising the polynucleotides and fragments thereof, recording media in which the nucleotide sequences of the polynucleotide and fragments thereof have been recorded which are readable in a computer, and use of them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:343879 USPATFULL

TITLE: Novel Polynucleotides

INVENTOR(S): Nakagawa, Satoshi, Tokyo, JAPAN
Mizoguchi, Hiroshi, Tokyo, JAPAN
Ando, Seiko, Tokyo, JAPAN
Hayashi, Mikiro, Tokyo, JAPAN
Ochiai, Keiko, Tokyo, JAPAN
Yokoi, Haruhiko, Tokyo, JAPAN
Tateishi, Naoko, Tokyo, JAPAN
Senoh, Akihiro, Tokyo, JAPAN
Ikeda, Masato, Tokyo, JAPAN
Ozaki, Akio, Hofu-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002197605	A1	20021226
APPLICATION INFO.:	US 2000-738626	A1	20001218 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1999-377484	19991216
	JP 2000-159162	20000407
	JP 2000-280988	20000803
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NIXON & VANDERHUYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA, 22201	
NUMBER OF CLAIMS:	68	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	13673	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 36 OF 49 USPATFULL on STN

TI Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission

AB The present invention relates to peptides which exhibit potent anti-viral activity. In particular, the invention relates to methods of using such peptides as inhibitory of respiratory syncytial virus ("RSV") transmission to uninfected cells. The peptides used in the methods of the invention are homologs of the DP-178 and DP-107 peptides, peptides corresponding to amino acid residues 638 to 673, and to amino acid residues 558 to 595, respectively, of the HIV-1.sub.LAI transmembrane protein (TM) gp41.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:297296 USPATFULL

TITLE: Methods for inhibition of membrane fusion-associated events, including respiratory syncytial virus transmission

INVENTOR(S): Bolognesi, Dani Paul, Durham, NC, United States

Matthews, Thomas James, Durham, NC, United States
Wild, Carl T., Durham, NC, United States
Barney, Shawn O'Lin, Cary, NC, United States
Lambert, Dennis Michael, Cary, NC, United States
Petteway, Stephen Robert, Cary, NC, United States
Langlois, Alphonse J., Durham, NC, United States
Trimeris, Inc., Durham, NC, United States (U.S.
corporation)

PATENT ASSIGNEE(S):

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6479055	B1	20021112
APPLICATION INFO.:	US 1995-470896		19950606 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994, now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Stucker, Jeffrey		
LEGAL REPRESENTATIVE:	Pennie & Edmonds LLP		
NUMBER OF CLAIMS:	44		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	84 Drawing Figure(s); 83 Drawing Page(s)		
LINE COUNT:	26553		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 37 OF 49 USPATFULL on STN

TI ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND
POLYPEPTIDES

AB The present invention provides polynucleotide sequences of the genome of Enterococcus faecalis, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:221971 USPATFULL

TITLE: ENTEROCOCCUS FAECALIS
POLYNUCLEOTIDES AND POLYPEPTIDES

INVENTOR(S): KUNSCH, CHARLES A., ATLANTA, GA, UNITED STATES
DILLON, PATRICK J., CARLSBAD, CA, UNITED STATES
BARASH, STEVEN, ROCKVILLE, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002120116	A1	20020829
APPLICATION INFO.:	US 1998-70927	A1	19980504 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	13315		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L3 ANSWER 38 OF 49 USPATFULL on STN
TI ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND
POLYPEPTIDES
AB The present invention relates to novel genes from E. faecalis and the
polypeptides they encode. Also provided as are vectors, host cells,
antibodies and methods for producing the same. The invention further
relates to screening methods for identifying agonists and antagonists of
E. faecalis polypeptide activity. The invention additionally relates to
diagnostic methods for detecting Enterococcus nucleic acids,
polypeptides and antibodies in a biological sample. The present
invention further relates to novel vaccines for the prevention or
attenuation of infection by Enterococcus.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:85691 USPATFULL
TITLE: ENTEROCOCCUS FAECALIS
POLYNUCLEOTIDES AND POLYPEPTIDES
INVENTOR(S): CHOI, GIL H., ROCKVILLE, MD, UNITED STATES
BAILEY, CAMELLA, TAKOMA PARK, MD, UNITED STATES
HROMOCKYJ, ALEX, N. POTOMAC, MD, UNITED STATES
KUNSCH, CHARLES A., NORCROSS, GA, UNITED STATES
PATENT ASSIGNEE(S): HUMAN GENOME SCIENCES, INC. (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002045737	A1	20020418
	US 6448043	B2	20020910
APPLICATION INFO.:	US 1998-71035	A1	19980504 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850		
NUMBER OF CLAIMS:	21		
EXEMPLARY CLAIM:	1		
LINE COUNT:	12421		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 39 OF 49 USPATFULL on STN
TI STREPTOCOCCUS PNEUMONIAE POLYNUCLEOTIDES AND SEQUENCES
AB The present invention provides polynucleotide sequences of the genome of
Streptococcus pneumoniae, polypeptide sequences encoded by the
polynucleotide sequences, corresponding polynucleotides and
polypeptides, vectors and hosts comprising the polynucleotides, and
assays and other uses thereof. The present invention further provides
polynucleotide and polypeptide sequence information stored on computer
readable media, and computer-based systems and methods which facilitate
its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:55159 USPATFULL
TITLE: STREPTOCOCCUS PNEUMONIAE POLYNUCLEOTIDES AND SEQUENCES
INVENTOR(S): KUNSCH, CHARLES A., GAITHERSBURG, MD, UNITED STATES
CHOI, GIL H., ROCKVILLE, MD, UNITED STATES

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(FILE 'HOME' ENTERED AT 17:04:50 ON 27 SEP 2006)

FILE 'MEDLINE, USPATFULL, WPIDS, DGENE, EMBASE, BIOSIS, BIOTECHDS,
SCISEARCH' ENTERED AT 17:05:20 ON 27 SEP 2006

L1 56877 S ENTEROCOCCUS FAECALIS
L2 1001 S BACILLUS FIRMUS
L3 49 S L1 AND L2

=> s l3 and photolyase
L4 11 L3 AND PHOTOLYASE

=> s l3 and (encoding DNA)
4 FILES SEARCHED...
L5 11 L3 AND (ENCODING DNA)

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 11 USPATFULL on STN
TI Nucleic acid and amino acid sequences relating to Staphylococcus
epidermidis for diagnostics and therapeutics
AB The invention provides isolated polypeptide and nucleic acid sequences
derived from Staphylococcus epidermidis that are useful in diagnosis and
therapy of pathological conditions; antibodies against the polypeptides;
and methods for the production of the polypeptides. The invention also
provides methods for the detection, prevention and treatment of
pathological conditions resulting from bacterial infection.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2006:146715 USPATFULL
TITLE: Nucleic acid and amino acid sequences relating to
Staphylococcus epidermidis for diagnostics and
therapeutics
INVENTOR(S): Doucette-Stamm, Lynn, Framingham, MA, UNITED STATES
Bush, David, Somerville, MA, UNITED STATES
PATENT ASSIGNEE(S): Wyeth, Madison, NJ, UNITED STATES (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 7060458	B1	20060613
APPLICATION INFO.:	US 1999-450969		19991129 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1998-134001, filed on 13 Aug 1998, Pat. No. US 6380370, issued on 30 Apr 2002		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-64964P	19971108 (60)
	US 1997-55779P	19970814 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Horlick, Kenneth R.	
NUMBER OF CLAIMS:	9	
EXEMPLARY CLAIM:	1	
LINE COUNT:	35708	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 11 USPATFULL on STN
TI Enterococcal virulence factors
AB The invention generally provides a novel approach to identifying
Enterococcal virulence factors and for identifying compounds for
treating bacterial pathogenesis. The invention further provides
Enterococcal virulence factors, which serve as targets for drug
discovery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:273711 USPATFULL
TITLE: Enterococcal virulence factors
INVENTOR(S): Ausubel, Frederick M., Newton, MA, UNITED STATES
Calderwood, Stephen B., Wellesley, MA, UNITED STATES
Garsin, Danielle A., Houston, TX, UNITED STATES
Mylonakis, Eleftherios, Boston, MA, UNITED STATES
Sifri, Costi D., Quincy, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004214208	A1	20041028
APPLICATION INFO.:	US 2004-758979	A1	20040116 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. WO 2002-US22979, filed on 18 Jul 2002, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-306212P	20010718 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	CLARK & ELBING LLP, 101 FEDERAL STREET, BOSTON, MA, 02110	
NUMBER OF CLAIMS:	100	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	55 Drawing Page(s)	
LINE COUNT:	4460	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 3 OF 11 USPATFULL on STN
TI Staphylococcus aureus polynucleotides and sequences
AB The present invention provides polynucleotide sequences of the genome of Staphylococcus aureus, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:57035 USPATFULL
TITLE: Staphylococcus aureus polynucleotides and sequences
INVENTOR(S): Kunsch, Charles A., Norcross, GA, UNITED STATES
Choi, Gil H., Rockville, MD, UNITED STATES
Barash, Steven, Rockville, MD, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Fannon, Michael R., Silver Spring, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004043037	A1	20040304
APPLICATION INFO.:	US 2002-329624	A1	20021227 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-956171, filed on 20 Oct 1997, GRANTED, Pat. No. US 6593114 Continuation-in-part of Ser. No. US 1997-781986, filed on 3 Jan 1997, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9861P	19960105 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 2 Drawing Page(s)
LINE COUNT: 10758
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 4 OF 11 USPATFULL on STN

TI Streptococcus pneumoniae polynucleotides and sequences
AB The present invention provides polynucleotide sequences of the genome of Streptococcus pneumoniae, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:38579 USPATFULL
TITLE: Streptococcus pneumoniae polynucleotides and sequences
INVENTOR(S): Kunsch, Charles A., Norcross, GA, UNITED STATES
Choi, Gil H., Rockville, MD, UNITED STATES
Dillon, Patrick J., Carlsbad, CA, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
Fannon, Michael R., Silver Spring, MD, UNITED STATES
Dougherty, Brian A., Killingworth, CT, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004029118	A1	20040212
APPLICATION INFO.:	US 2002-158844	A1	20020603 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1997-961527, filed on 30 Oct 1997, GRANTED, Pat. No. US 6420135		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-29960P	19961031 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	9165	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 5 OF 11 USPATFULL on STN

TI Nucleotide sequence of the Mycoplasma genitalium genome, fragments thereof, and uses thereof
AB The present invention provides the nucleotide sequence of the entire genome of Mycoplasma genitalium, SEQ ID NO: 1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition to the entire genomic sequence, the present invention identifies protein encoding fragments of the genome, and identifies, by

position relative to two (2) genes known to flank the origin of replication, any regulatory elements which modulate the expression of the protein encoding fragments of the Mycoplasma genitalium genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:244254 USPATFULL
TITLE: Nucleotide sequence of the Mycoplasma genitalium genome, fragments thereof, and uses thereof
INVENTOR(S): Fraser, Claire M., Potomac, MD, UNITED STATES
Adams, Mark D., Rockville, MD, UNITED STATES
Gocayne, Jeannine D., Potomac, MD, UNITED STATES
Hutchison, Clyde A., III, Chapel Hill, MD, UNITED STATES
Smith, Hamilton O., Reisterstown, MD, UNITED STATES
Venter, J. Craig, Queenstown, MD, UNITED STATES
White, Owen R., Rockville, MD, UNITED STATES
PATENT ASSIGNEE(S): Johns Hopkins University, Baltimore, MD (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003170663	A1	20030911
APPLICATION INFO.:	US 2002-205220	A1	20020726 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 1995-545528, filed on 19 Oct 1995, PENDING Continuation-in-part of Ser. No. US 1995-488018, filed on 7 Jun 1995, PENDING Continuation-in-part of Ser. No. US 1995-473545, filed on 7 Jun 1995, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850		
NUMBER OF CLAIMS:	19		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	23 Drawing Page(s)		
LINE COUNT:	6270		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 11 USPATFULL on STN

TI Staphylococcus aureus polynucleotides and sequences
AB The present invention provides polynucleotide sequences of the genome of Staphylococcus aureus, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:190673 USPATFULL
TITLE: Staphylococcus aureus polynucleotides and sequences
INVENTOR(S): Kunsch, Charles A., Norcross, GA, United States
Choi, Gil H., Rockville, MD, United States
Barash, Steven, Rockville, MD, United States
Dillon, Patrick J., Carlsbad, CA, United States
Fannon, Michael R., Silver Spring, MD, United States
Rosen, Craig A., Laytonsville, MD, United States
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

NUMBER	KIND	DATE
-----	-----	-----

PATENT INFORMATION: US 6593114 B1 20030715
APPLICATION INFO.: US 1997-956171 19971020 (8)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1997-781986, filed
on 3 Jan 1997

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9861P	19960105 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Duffy, Patricia A.	
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.	
NUMBER OF CLAIMS:	15	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)	
LINE COUNT:	7835	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 11 USPATFULL on STN

TI Nucleotide sequence of the mycoplasma genitalium genome, fragments thereof, and uses thereof

AB The present invention provides the nucleotide sequence of the entire genome of Mycoplasma genitalium, SEQ ID NO:1. The present invention further provides the sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use. In addition to the entire genomic sequence, the present invention identifies protein encoding fragments of the genome, and identifies, by position relative to two (2) genes known to flank the origin of replication, any regulatory elements which modulate the expression of the protein encoding fragments of the Mycoplasma genitalium genome.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:81597 USPATFULL

TITLE: Nucleotide sequence of the mycoplasma genitalium genome, fragments thereof, and uses thereof

INVENTOR(S): Fraser, Claire M., Potomac, MD, United States
Adams, Mark D., N. Potomac, MD, United States
Gocayne, Jeannine D., Silver Spring, MD, United States
Hutchison, III, Clyde A., Chapel Hill, NC, United States
Smith, Hamilton O., Towson, MD, United States
Venter, J. Craig, Potomac, MD, United States
White, Owen, Gaithersburg, MD, United States

PATENT ASSIGNEE(S): The Institute for Genomic Research, Rockville, MD, United States (U.S. corporation)
Johns Hopkins University, Baltimore, MD, United States (U.S. corporation)
The University of North Carolina at Chapel Hill, Chapel Hill, NC, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6537773	B1	20030325
APPLICATION INFO.:	US 1995-545528		19951019 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1995-488018, filed on 7 Jun 1995, now abandoned Continuation-in-part of Ser. No. US 1995-473545, filed on 7 Jun 1995, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	Ketter, James		
ASSISTANT EXAMINER:	Schnizer, Richard		
LEGAL REPRESENTATIVE:	Human Genome Sciences, Inc.		

NUMBER OF CLAIMS: 44
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Figure(s); 23 Drawing Page(s)
LINE COUNT: 15190
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 8 OF 11 USPATFULL on STN
TI STAPHYLOCOCCUS AUREUS POLYNUCLEOTIDES AND SEQUENCES
AB The present invention provides polynucleotide sequences of the genome of Staphylococcus aureus, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2003:78516 USPATFULL
TITLE: STAPHYLOCOCCUS AUREUS POLYNUCLEOTIDES AND SEQUENCES
INVENTOR(S): KUNSCH, CHARLES A., GAITHERSBURG, MD, UNITED STATES
CHOI, GIL A., ROCKVILLE, MD, UNITED STATES
BARASH, STEVEN C., ROCKVILLE, MD, UNITED STATES
DILLON, PATRICK J., GAITHERSBURG, MD, UNITED STATES
FANNON, MICHAEL R., SILVER SPRING, MD, UNITED STATES
ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003054436	A1	20030320
	US 6737248	B2	20040518
APPLICATION INFO.:	US 1997-781986	A1	19970103 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-9861P	19960105 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	13414	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 9 OF 11 USPATFULL on STN
TI Novel Polynucleotides
AB Novel polynucleotides derived from microorganisms belonging to coryneform bacteria and fragments thereof, polypeptides encoded by the polynucleotides and fragments thereof, polynucleotide arrays comprising the polynucleotides and fragments thereof, recording media in which the nucleotide sequences of the polynucleotide and fragments thereof have been recorded which are readable in a computer, and use of them.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:343879 USPATFULL
TITLE: Novel Polynucleotides
INVENTOR(S): Nakagawa, Satoshi, Tokyo, JAPAN
Mizoguchi, Hiroshi, Tokyo, JAPAN
Ando, Seiko, Tokyo, JAPAN
Hayashi, Mikiro, Tokyo, JAPAN
Ochiai, Keiko, Tokyo, JAPAN

Yokoi, Haruhiko, Tokyo, JAPAN
Tateishi, Naoko, Tokyo, JAPAN
Senoh, Akihiro, Tokyo, JAPAN
Ikeda, Masato, Tokyo, JAPAN
Ozaki, Akio, Hofu-shi, JAPAN

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002197605	A1	20021226
APPLICATION INFO.:	US 2000-738626	A1	20001218 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	JP 1999-377484	19991216
	JP 2000-159162	20000407
	JP 2000-280988	20000803
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA, 22201	
NUMBER OF CLAIMS:	68	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	4 Drawing Page(s)	
LINE COUNT:	13673	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

L4 ANSWER 10 OF 11 USPATFULL on STN
TI ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND POLYPEPTIDES
AB The present invention provides polynucleotide sequences of the genome of Enterococcus faecalis, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
ACCESSION NUMBER: 2002:221971 USPATFULL
TITLE: ENTEROCOCCUS FAECALIS
POLYNUCLEOTIDES AND POLYPEPTIDES
INVENTOR(S): KUNSCH, CHARLES A., ATLANTA, GA, UNITED STATES
DILLON, PATRICK J., CARLSBAD, CA, UNITED STATES
BARASH, STEVEN, ROCKVILLE, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002120116	A1	20020829
APPLICATION INFO.:	US 1998-70927	A1	19980504 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850		
NUMBER OF CLAIMS:	18		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Page(s)		
LINE COUNT:	13315		
CAS INDEXING IS AVAILABLE FOR THIS PATENT.			

L4 ANSWER 11 OF 11 USPATFULL on STN
TI STREPTOCOCCUS PNEUMONIAE POLYNUCLEOTIDES AND SEQUENCES
AB The present invention provides polynucleotide sequences of the genome of

Streptococcus pneumoniae, polypeptide sequences encoded by the polynucleotide sequences, corresponding polynucleotides and polypeptides, vectors and hosts comprising the polynucleotides, and assays and other uses thereof. The present invention further provides polynucleotide and polypeptide sequence information stored on computer readable media, and computer-based systems and methods which facilitate its use.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2002:55159 USPATFULL
 TITLE: STREPTOCOCCUS PNEUMONIAE POLYNUCLEOTIDES AND SEQUENCES
 INVENTOR(S): KUNSCH, CHARLES A., GAITHERSBURG, MD, UNITED STATES
 CHOI, GIL H., ROCKVILLE, MD, UNITED STATES
 DILLON, PATRICK J., CARLSBAD, CA, UNITED STATES
 ROSEN, CRAIG A., LAYTONSVILLE, MD, UNITED STATES
 BARASH, STEVEN C., ROCKVILLE, MD, UNITED STATES
 FANNON, MICHAEL R., SILVER SPRING, MD, UNITED STATES
 DOUGHERTY, BRIAN A., MT. AIRY, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002032323	A1	20020314
	US 6420135	B2	20020716
APPLICATION INFO.:	US 1997-961527	A1	19971030 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1996-29960P	19961031 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	2 Drawing Page(s)	
LINE COUNT:	7752	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 17:04:50 ON 27 SEP 2006)

FILE 'MEDLINE, USPATFULL, WPIDS, DGENE, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT 17:05:20 ON 27 SEP 2006

L1 56877 S ENTEROCOCCUS FAECALIS
 L2 1001 S BACILLUS FIRMUS
 L3 49 S L1 AND L2
 L4 11 S L3 AND PHOTOLYASE
 L5 11 S L3 AND (ENCODING DNA)

=> e ausubel,f/au

E1 2 AUSUBEL S J/AU
 E2 1 AUSUBEL SETH/AU
 E3 0 --> AUSUBEL,F/AU
 E4 1 AUSUBEU F/AU
 E5 1 AUSULIFAN M/AU
 E6 1 AUSUM H/AU
 E7 1 AUSUM J D/AU
 E8 1 AUSUNIO M/AU
 E9 1 AUSURA B/AU
 E10 1 AUSVALD E Y A/AU
 E11 1 AUSWEGER J/AU

E12 1 AUSWINPORN S/AU

=> s e4

L6 1 "AUSUBEU F"/AU

=> d l6 ti abs ibib tot

L6 ANSWER 1 OF 1 WPIDS COPYRIGHT 2006 THE THOMSON CORP on STN

TI Virulence factors useful in developing disease treatments.

AN 1999-357851 [30] WPIDS

AB WO 9927129 A UPAB: 19990802

NOVELTY - Isolated nucleic acid molecules from *Pseudomonas aeruginosa* comprising a sequence substantially identical to (or which comprises) one of the three virulence determining sequences (I)-(III) given in the specification.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(1) a substantially pure polypeptide comprising an amino acid sequence that is substantially identical to one of the three amino acid sequences (A), (B) or (C) given in the specification, the sequences being encoded by (I), (II) or (III);

(2) a method for identifying a compound which is capable of decreasing the expression of a pathogenic virulence factor, comprising:

(a) providing a pathogenic cell expressing a nucleic acid molecule (I), (II) or (III); and

(b) contacting the pathogenic cell with a candidate compound, a decrease in expression of said nucleic acid molecule following contact with said candidate compound identifying a compound which decreases the expression of a pathogenic virulence factor.

(3) a method for identifying a compound which binds a polypeptide, said method comprising the steps of:

(a) contacting a candidate compound with a substantially pure polypeptide comprising an amino acid sequence (A), (B) or (C) under conditions that allow binding; and

(b) detecting binding of the candidate compound to the polypeptide; and

(4) a method of identifying a compound which inhibits the virulence of a *Pseudomonas* cell, said method comprising the steps of:

(a) providing a *Pseudomonas* cell;

(b) contacting said cell with a candidate compound; and

(c) detecting the presence of a phenazine, wherein a decrease in said phenazine relative to an untreated control cell is an indication that the compound inhibits the virulence of said *Pseudomonas* cell.

ACTIVITY - None given.

MECHANISM OF ACTION - None given.

USE - Compounds that inhibit the expression or activity of polypeptides (A)-(C) can be used to treat pathogenic infections, especially where the infection is a *Pseudomonas aeruginosa* infection (claimed). *Pseudomonas aeruginosa* is an opportunistic human pathogen present in soil water and plants.

Dwg.0/35

ACCESSION NUMBER: 1999-357851 [30] WPIDS

DOC. NO. CPI: C1999-105927

TITLE: Virulence factors useful in developing disease treatments.

DERWENT CLASS: B04 D16

INVENTOR(S): AUSUBEU, F; CAO, H; DRENKARD, E; GOODMAN, H M;
MAHAJAN-MIKLOS, S; RAHME, L G; TAN, M; TSONGALIS, J;
AUSUBEL, F; AUSUBEL, F M

PATENT ASSIGNEE(S): (GEHO) GEN HOSPITAL CORP; (AUSU-I) AUSUBEL F M; (RAHM-I) RAHME L G

COUNTRY COUNT: 83

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
WO 9927129	A1	19990603	(199930)*	EN	223
RW: AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL					
OA PT SD SE SZ UG ZW					
W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE					
GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG					
MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG					
UZ VN YU ZW					
AU 9917996	A	19990615	(199944)		
EP 1040200	A1	20001004	(200050)	EN	
R: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE					
BR 9812791	A	20001017	(200056)		
CZ 2000001858	A3	20001115	(200064)		
HU 2001000668	A2	20010628	(200143)		
KR 2001032432	A	20010425	(200164)		
MX 2000005122	A1	20010201	(200168)		
CN 1309720	A	20010822	(200175)		
JP 2002505849	W	20020226	(200219)	204	
US 6355411	B1	20020312	(200221)		
NZ 504669	A	20021122	(200301)		
US 2003022349	A1	20030130	(200311)		
AU 763126	B	20030710	(200355)		

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 9927129	A1	WO 1998-US25247	19981125
AU 9917996	A	AU 1999-17996	19981125
EP 1040200	A1	EP 1998-962844	19981125
		WO 1998-US25247	19981125
BR 9812791	A	BR 1998-12791	19981125
		WO 1998-US25247	19981125
CZ 2000001858	A3	WO 1998-US25247	19981125
		CZ 2000-1858	19981125
HU 2001000668	A2	WO 1998-US25247	19981125
		HU 2001-668	19981125
KR 2001032432	A	KR 2000-705672	20000524
MX 2000005122	A1	MX 2000-5122	20000524
CN 1309720	A	CN 1998-813271	19981125
JP 2002505849	W	WO 1998-US25247	19981125
		JP 2000-522270	19981125
US 6355411	B1 Provisional	US 1997-66517P	19971125
		US 1998-199637	19981125
NZ 504669	A	NZ 1998-504669	19981125
		WO 1998-US25247	19981125
US 2003022349	A1 Provisional	US 1997-66517P	19971125
	Div ex	US 1998-199637	19981125
		US 2001-975719	20011010
AU 763126	B	AU 1999-17996	19981125

FILING DETAILS:

PATENT NO	KIND	PATENT NO
AU 9917996	A Based on	WO 9927129
EP 1040200	A1 Based on	WO 9927129
BR 9812791	A Based on	WO 9927129
CZ 2000001858	A3 Based on	WO 9927129
HU 2001000668	A2 Based on	WO 9927129
JP 2002505849	W Based on	WO 9927129
NZ 504669	A Based on	WO 9927129

US 2003022349
AU 763126

A1 Div ex
B Previous Publ.
Based on

US 6355411
AU 9917996
WO 9927129

PRIORITY APPLN. INFO: US 1997-66517P 19971125; US
1998-199637 19981125; US
2001-975719 20011010

Refine Search

Search Results -

Terms	Documents
L6 and L5	6

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US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

EPO Abstracts Database

JPO Abstracts Database

Derwent World Patents Index

IBM Technical Disclosure Bulletins

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DATE: Wednesday, September 27, 2006

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result set

DB=USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR

L7 L6 and l5 6 L7

L6 bacillus firmus 46220 L6

L5 L4 and (enterococcus faecalis) 6 L5

L4 photolyase 81 L4

DB=PGPB; PLUR=YES; OP=OR

L3 L2 and photolyase 1 L3

L2 ausbel.in. 25 L2

L1 ausbel.in. 0 L1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 7101963 B2

L5: Entry 1 of 6

File: USPT

Sep 5, 2006

US-PAT-NO: 7101963

DOCUMENT-IDENTIFIER: US 7101963 B2

TITLE: Chlamydia pneumoniae polypeptides and uses thereof

DATE-ISSUED: September 5, 2006

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040006218 A1

January 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Griffais; Re	Montrouge			FR
Hoiseth; Susan K.	Fairport	NY		US
Zagursky; Robert J.	Victor	NY		US
Metcalf; Benjamin J.	Rochester	NY		US
Peek; Joel A.	Pittsford	NY		US
Sankaran; Banumathi	Penfield	NY		US
Fletcher; Leah D.	Geneseo	NY		US

US-CL-CURRENT: 530/300; 424/184.1, 435/320.1, 435/6, 530/350

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Claims](#) [KWC](#) [Draw Desc](#) [Ima](#)

☐ 2. Document ID: US 7060458 B1

L5: Entry 2 of 6

File: USPT

Jun 13, 2006

US-PAT-NO: 7060458

DOCUMENT-IDENTIFIER: US 7060458 B1

TITLE: Nucleic acid and amino acid sequences relating to Staphylococcus epidermidis for diagnostics and therapeutics

DATE-ISSUED: June 13, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doucette-Stamm; Lynn	Framingham	MA		US
Bush; David	Somerville	MA		US

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 435/325, 536/23.7, 536/24.32

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Claims](#) [KWC](#) [Draw Desc](#) [Ima](#)

☐ 3. Document ID: US 6737248 B2

L5: Entry 3 of 6

File: USPT

May 18, 2004

US-PAT-NO: 6737248

DOCUMENT-IDENTIFIER: US 6737248 B2

TITLE: Staphylococcus aureus polynucleotides and sequences

DATE-ISSUED: May 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kunsch; Charles A.	Gaithersburg	MD		
Choi; Gil A.	Rockville	MD		
Barash; Steven C.	Rockville	MD		
Dillon; Patrick J.	Gaithersburg	MD		
Fannon; Michael R.	Silver Spring	MD		
Rosen; Craig A.	Laytonsville	MD		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 536/23.1, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KWIC	Draw Desc	Ima
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☐ 4. Document ID: US 6593114 B1

L5: Entry 4 of 6

File: USPT

Jul 15, 2003

US-PAT-NO: 6593114

DOCUMENT-IDENTIFIER: US 6593114 B1

TITLE: Staphylococcus aureus polynucleotides and sequences

DATE-ISSUED: July 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kunsch; Charles A.	Norcross	GA		
Choi; Gil H.	Rockville	MD		
Barash; Steven	Rockville	MD		
Dillon; Patrick J.	Carlsbad	CA		
Fannon; Michael R.	Silver Spring	MD		
Rosen; Craig A.	Laytonsville	MD		

US-CL-CURRENT: 435/91.41; 435/252.3, 435/254.11, 435/257.2, 435/320.1, 435/325, 435/91.4, 536/23.7

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KWIC	Draw Desc	Ima
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☐ 5. Document ID: US 6559294 B1

L5: Entry 5 of 6

File: USPT

May 6, 2003

US-PAT-NO: 6559294

DOCUMENT-IDENTIFIER: US 6559294 B1

** See image for Certificate of Correction **

TITLE: Chlamydia pneumoniae polynucleotides and uses thereof

DATE-ISSUED: May 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Griffais; Remy	Momtrouge			FR
Hoiseth; Susan K.	Fairport	NY		
Zagursky; Robert John	Victor	NY		
Metcalf; Benjamin J.	Rochester	NY		
Peek; Joel A.	Pittsford	NY		
Sankaran; Banumathi	Penfield	NY		
Fletcher; Leah Diane	Geneseo	NY		

US-CL-CURRENT: 536/23.1; 435/320.1, 435/69.1, 435/70.1, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KMC	Draw Desc	Ima
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☐ 6. Document ID: US 6537773 B1

L5: Entry 6 of 6

File: USPT

Mar 25, 2003

US-PAT-NO: 6537773

DOCUMENT-IDENTIFIER: US 6537773 B1

TITLE: Nucleotide sequence of the mycoplasma genitalium genome, fragments thereof, and uses thereof

DATE-ISSUED: March 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fraser; Claire M.	Potomac	MD		
Adams; Mark D.	N. Potomac	MD		
Gocayne; Jeannine D.	Silver Spring	MD		
Hutchison, III; Clyde A.	Chapel Hill	NC		
Smith; Hamilton O.	Towson	MD		
Venter; J. Craig	Potomac	MD		
White; Owen	Gaithersburg	MD		

US-CL-CURRENT: 435/69.1; 435/252.3, 435/320.1, 536/23.7, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference		Claims	KMC	Draw Desc	Ima
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